



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named
Inventor : Anthony Aue et al.

Appln. No. : 10/813,208

Filed : March 30, 2004

For : STATISTICAL LANGUAGE MODEL
FOR LOGICAL FORMS

Docket No.: M61.12-0630

Group Art Unit: 2644

Examiner:

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
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James J. Savage
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Sir:

The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the patents or publications cited are enclosed, except as waived by the Official Gazette notice of August 5, 2003 regarding copies of U.S. Patents and Published Applications.

TIME OF FILING

The information disclosure statement is being filed with the application or within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. In accordance with 37 C.F.R. § 1.97(b), no statement or fee is required.

METHOD OF PAYMENT

No fee is required.

Attached is a check in the amount of \$_____.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123.

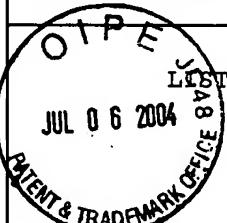
Respectfully submitted,

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FORM PTO-1449		Atty. Docket No. : M61.12-0630	Appl. No. : 10/813,208
 <p>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</p>		First Named Inventor: Anthony Aue et al.	
		Filing Date March 30, 2004	Group Art: 2644

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AA	Brown et al., P. F., "The Mathematics of Statistical Machine Translation: Parameter Estimation", Association for Computational Linguistics, Vol. 19, pages 263-311, 1993.
AB	Charniak, E., "Immediate-Head Parsing for Language Models", Meeting of the Association for Computational Linguistics, 2001.
AC	Charniak et al., E., "Syntax-based Language Models for Statistical Machine Translation", Proceedings of MT Summit IX 2003, 2003.
AD	Chelba et al., C. "Exploiting Syntactic Structure for Language Modeling" Proceedings of the Thirty-Sixth Annual Meeting of the Association for Computational Linguistics and Seventeenth International Conference on Computational Linguistics, pages 225-231, 1998.
AE	Eisner, J., "Learning Non-Isomorphic Tree Mappings for Machine Translation", Proceedings of the 41st Meeting of the Association for Computational Linguistics (ACL 2003), Companion Volume, July 2003.
AF	Goodman, J., "A Bit of Progress in Language Modeling", Technical Report, MSR-TR-2001-72, December 2001.
AG	Klein et al., D., "Accurate Unlexicalized Parsing", Proceedings of the 41 st Annual Meeting of the Association for Computational Linguistics, pages 423-430, July 2003.
AH	Knight, K. "Decoding Complexity in Word-Replacement Translation Models", Association for Computational Linguistics, 25(4), pages 607-615, 1999.
AI	Moore, R., "Towards a Simple and Accurate Statistical Approach to Learning Translation Relationships among Words", Proceedings, Workshop on Data-driven Machine Translation, 39 th Annual Meeting and 10 th Conference of the European Chapter, Association for Computation Linguistics, pages 79-86, 2001.
AJ	Och et al., F., "Discriminative Training and Maximum Entropy Models for Statistical Machine Translation", Proceedings of the 40 th Annual Meeting of the Association for Computation Linguistics, Philadelphia, pages 295-302, July 2002.
AK	Papineni et al., K. A., "Bleu: a Method for Automatic Evaluation of Machine Translation", Technical Report, RC22176 (W0109-022), IBM Research Division, Thomas J. Watson Research Center, September 17, 2001.
AL	Powell, M. J. D., "An efficient method for finding the minimum of a function of several variables without calculating derivatives", Computer Journal, Vol. 7 pages 155-162, 1964.
AM	Richardson et al., S., "Achieving commercial-quality translation with example-based methods", Proceedings of MT Summit VIII, pages 293-298, 2001.
AN	Stolcke, A., "Entropy-based Pruning of Backoff Language Models", DARPA Broadcast News Transcription and Understanding Workshop, pages 270-274, 1998.
AO	Yamada et al., K., "A Syntax-Based Statistical Translation Model", Proceedings of the 39th Annual Meeting of the Association for Computational Linguistics, pages 523-529, 2001.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.